NOTICE

All drawings located at the end of the document.

Draft Industrial Area Sampling and Analysis Plan FY04 Addendum #IA-04-02 IHSS Group 700-2 (UBCs 707 and 731)

November 2003

AOMIN RECORD

Draft Industrial Area Sampling and Analysis Plan FY04 Addendum #IA-04-02 IHSS Group 700-2 (UBCs 707 and 731)

Approval received from the Colorado Department of Public Health and Environment ().

Approval letter contained in the Administrative Record.

November 2003

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ACRONYMS

AL action level

CDPHE Colorado Department of Public Health and Environment

DOE U.S. Department of Energy

EPA U.S. Environmental Protection Agency

FY Fiscal Year

HPGe high-purity germanium HRR Historical Release Report

IA Industrial Area

IASAP Industrial Area Sampling and Analysis Plan

IHSS Individual Hazardous Substance Site

MDL method detection limit mg/kg milligrams per kilogram

N/A not applicable

OPWL Original Process Waste Line
PAC Potential Area of Concern

pCi/g picocuries per gram
PCOC potential contaminant of concern
RFCA Rocky Flats Cleanup Agreement
SAP Sampling and Analysis Plan
SVOC semivolatile organic compound
UBC Under Building Contamination

UBC Under Building Contaminati
ug/kg micrograms per kilogram
VOC volatile organic compound
WRW wildlife refuge worker

1.0 INTRODUCTION

This Industrial Area (IA) Sampling and Analysis Plan (SAP) (IASAP) (DOE 2001) Addendum #IA-04-02 includes Individual Hazardous Substance Site (IHSS) Groupspecific information, sampling locations, and potential contaminants of concern (PCOCs) for IHSSs, Potential Areas of Concern (PACs), and Under Building Contamination (UBC) Sites proposed for characterization during Fiscal Year (FY) 04. This IASAP Addendum is a supplement to the IASAP (DOE 2001) and includes data and proposed sampling locations for IHSS Group 700-2. IHSS Group 700-2 consists of two UBC Sites and two Original Process Waste Line (OPWL) sites. The UBC Sites include UBC 707 – Plutonium Fabrication and Assembly and UBC 731 – Building 707 Process Waste. The OPWL sites include Tanks 11 and 12 in Building 731. The locations of the UBC and OPWL sites proposed for IHSS Group 700-2 are shown on Figure 1.

2.0 EXISTING CHARACTERIZATION INFORMATION

Existing concentrations and activities in soil above the method detection limits (MDLs) or background means plus two standard deviations are presented on Figures 2 and 3. Existing information and data for these UBC and OPWL sites are available in Appendix C of the IASAP (DOE 2001), the Historical Release Reports (HRRs) (DOE 1992-2002), and the IA Data Summary Report (DOE 2000). Table 1 presents the PCOCs and proposed sampling methodologies.

Table 1
IHSS Group 700-2 PCOC

IHSS Group	IHSS/PAC/UBC Site	PCOCs	Media	Data Source	Sampling Location . Method
700-2	UBC 707 – Plutonium Fabrication and Assembly	Radionuclides Metals VOCs SVOCs	Subsurface soil	HRRs (DOE 1992-2002) Process knowledge (IASAP [DOE 2001]) IA Data Summary Report (DOE 2000)	Statistical grid and biased sampling
	UBC 731 – Building 707 Process Waste	Radionuclides Metals VOCs SVOCs	Subsurface soil	HRRs (DOE 1992-2002) Process knowledge (IASAP [DOE 2001]) IA Data Summary Report (DOE 2000)	Biased sampling
	Tank 11 – OPWL – Building 731	Radionuclides Metals VOCs SVOCs	Subsurface soil	HRRs (DOE 1992-2002) Process knowledge (IASAP [DOE 2001]) IA Data Summary Report (DOE 2000)	Biased sampling
	Tank 30 – OPWL – Building 731	Radionuclides Metals VOCs SVOCs	Subsurface soil	HRRs (DOE 1992-2002) Process knowledge (IASAP [DOE 2001]) IA Data Summary Report (DOE 2000)	Biased sampling

Previous data for IHSS Group 700-2 indicate concentrations of arsenic and chromium in subsurface soil exceed the Rocky Flats Cleanup Agreement (RFCA) wildlife refuge worker (WRW) action levels (ALs) (DOE et al. 2003). Concentrations of lead in subsurface soil were reported at levels greater than the ecological receptor AL. Radionuclide activities and metal concentrations were greater than corresponding

background means plus two standard deviations in surface soil and subsurface soil (Figures 2 and 3).

3.0 SAMPLING

The IHSS Group 700-2 sampling summary is presented in Table 2.

Table 2
IHSS Group 700-2 Sampling Summary

Category	Total
Number of Sampling Locations	75
Number of Samples	144
Number of Radionuclide Analyses	144
Number of Metal Analyses	144
Number of VOC Analyses	144

The proposed sampling specifications (number and type of samples) for IHSS Group 700-2 are listed in Table 3 and shown on Figure 4. A 72-foot statistical grid was applied at UBC 707. Biased sampling locations were selected at UBC 707, UBC 731, and the OPWL locations (Building 731 – Tanks 11 and 30). Biased sample locations at UBC 707 were placed at roof drain outfalls, depressed floor slabs, glove box underpasses, sumps, pits, OPWL junctions, and other potentially contaminated areas.

Proposed new sampling locations are the starting point for IHSS Group characterization. After characterization starts, the number and type of samples may change based on sample results. Changes to sampling specifications will be considered in consultation with the regulatory agencies. Statistical sampling locations within a building footprint may be adjusted in the field to collect samples from specific building features. If contaminant concentrations are found to be above ALs near the grid boundary, additional samples will be collected in consultation with the regulatory agencies and a contact record will be issued. Biased sampling locations at tanks and along process waste lines will be field checked and the locations adjusted if necessary through the consultative process.

4.0 REFERENCES

DOE, 1992-2002, Historical Release Reports for the Rocky Flats Plant, Golden, Colorado.

DOE, 2000, Rocky Flats Environmental Technology Site Industrial Area Data Summary Report, Golden, Colorado, September.

DOE, 2001, Industrial Area Sampling and Analysis Plan, Rocky Flats Environmental Technology Site, Golden, Colorado, June.

DOE, CDPHE, and EPA, 2003, Proposed Modifications to the Rocky Flats Cleanup Agreement, U.S. Department of Energy, Colorado Department of Public Health and Environment, and U.S. Environmental Protection Agency, Rocky Flats Environmental Technology Site, Golden, Colorado, April.



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Table 3
IHSS Group 700-2 Sampling Specifications

	Comments	biased - OPWL west of Building 707 (P-14)	biased - OPWL west of Building 707 (P-14)	biased - OPWL west of Building 707 (P-14)	biased - OPWL west of Building 707 (P-14)	biased - OPWL west of Building 707 (P-14)	biased - OPWL west of Building 707 (P-14)	biased - OPWL west of Building 707 (P-14)	biased - OPWL west of Building 707 (P-14)	biased - OPWL west of Building 707 (P-14)	biased - OPWL west of Building 707 (P-14)	biased - OPWL west of Building 707 (P-14)	biased - OPWL west of Building 707 (P-14)	biased - OPWL west of Building 707 (P-14)	biased - OPWL west of Building 707 (P-14)	biased - OPWL west of Building 707 (P-14)	biased - OPWL west of Building 707 (P-14)	biased - OPWL west of Building 707 (P-15)	biased - OPWL west of Building 707 (P-15)	biased - OPWL west of Building 707 (P-15)	biased - OPWL west of Building 707 (P-15)	biased - OPWL west of Building 707 (P-15)	biased - OPWL west of Building 707 (P-13)	biased - OPWL west of Building /0/ (P-15)	biased - OPWL west of Building /U/ (F-15)	statistical grid for UBC 707, first interval beneath building slab	statistical grid for UBC 707, first interval	etatistical orid for URC 707 first interval	beneath building slab
el P	A 1 ()	biased - OP			biased - OP	biased - OP			biased - OP	biased - OP		biased - OP	biased - OP	biased - OP		biased - OP	biased - OP	biased - OF		biased - OF	biased - OF			biased - OF	biased - OF	statistical g	statistical g	etatictical of	beneath bu
Off-site	Laboratory Method	6010	Alpha Spec	8270	8260	6010	Alpha Spec	8270	8260	6010	Alpha Spec	8270	8260	6010	Alpha Spec	8270	8260	6010	Alpha Spec	8270	8260	6010	Alpha Spec	8270	8260	6010	HPGe		8270
On-site	Laboratory Method	6010	HPGe	N/A	8260	6010	HPGe		N/A																				
	Analyte	Metals	Radionuclides	SVOCs	VOCe	Metals	Padioniclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals	Radionuclides		SVOCs												
Donath	Interval	25.45	2 5'-4 5'	2 5-4 5'	25.45	15,65	4.7.65	45,65	45.65	2.5'-4.5'	25.45	25.45	2.5'-4.5'	4.5'-6.5	4.5'-6.5	45-65	4.5'-6.5	4.5'-6.5'	4.5'-6.5'	4.5'-6.5'	4.5'-6.5'	6.5'-8.5'	6.5'-8.5'	6.5'-8.5'	6.5'-8.5'	00.5	0.0.5		0,-0.5,
	Media	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsulface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsuilace Soil	Subsurface Soil	Subsurface Soil	on continuon of	Subsurface Soil																
	Northing	740047 800	740042 000	749942.090	749942.890	749942.890	749942.890	749942.890	749942.890	740016 850	740016 850	749910.650	749916.650	749916 850	740016 850	740016 850	749910.650	750160 300	750160 300	750160 300	750160 300	750160.300	750160.300	750160 300	750160300	750129.803	750100 903	/30122.603	750129.803
	Easting	0000110000	2003/10.000	2083/18.800	2083/18.800	2083718.800	2083718.800	2083718.800	2083/18.800	2083/18.800	2002/2008/300	2002/2008/300	2063689.300	2083680.200	2002690 500	2002/2005/200	20025005.200	2002666 240	2083000.340	2003666 340	2003060340	2083666 340	2083666 340	2083666 340	2083666 340	2083701.442	100000	2083/01.442	2083701.442
	Location Code		CE42-000	CE42-001	CE43-005	CE43-005	CE43-003	CE43-005	CE43-005	CE43-003	CE43-005	CE43-005		CE43-006	CE43-006														
/SSHI	IHSS PAC/ Group UBC	Site	OBC	707																									
200	HISS Group		700-2									_		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	_														

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Comments	statistical grid for UBC 707, first interval beneath building slab	statistical grid for UBC 707	biased - roof drain outfall	biased - OPWL NW of Building 707 (P-15)	biased - OPWL NW of Building 707 (P-15)	biased - OPWL NW of Building 707 (P-15)	biased - OPWL NW of Building 707 (P-15)	biased - OPWL NW of Building 707 (P-15)	biased - OPWL NW of Building 707 (P-15)	biased - OPWL NW of Building 707 (P-15)	biased - OPWL NW of Building 707 (P-15)	statistical grid for UBC 707, first interval beneath building slab	statistical grid for UBC 707, first interval beneath building slab																		
Off-site Laboratory Method	8260	6010	Alpha Spec	8270	8260	6010	HPGe	8270	8260	6010	Alpha Spec	8270	8260	6010	Alpha Spec	8270	8260	6010	Alpha Spec	8270	8260	6010	Alpha Spec	8270	8260	6010	Alpha Spec	8270	8260	6010	Alpha Spec
On-site Laboratory Method	8260	6010	HPGe	N/A	8260	6010	HPGe	N/A	8260	6010	HPGe	N/A	8260	6010	HPGe	N/A	8260	6010	HPGe	N/A	8260	6010	HPGe	N/A	8260	6010	HPGe	N/A	8260	6010	HPGe
Analyte	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals	Radionuclides
Depth Interval	00.5	0.5'-2.5'	0.5'-2.5'	0.5:-2.5	0.5'-2.5'	00.5	0'-0.5'	0,-0.5	00.5	0.5:-2.5	0.5'-2.5'	0.5'-2.5'	0.5'-2.5'	00.5	0:-0.5	00.5	0.0.5	0.5'-2.5'	0.5'-2.5'	0.5'-2.5'	0.5'-2.5'	4.5'-6.5'	4.5'-6.5'	4.5'-6.5'	4.5'-6.5'	6.5'-8.5'	6.5'-8.5'	6.5'-8.5'	6.5'-8.5'	00.5	0'-0.5'
Media	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil
Northing	750129.803	750129.803	750129.803	750129.803	750129.803	750161.074	750161.074	750161.074	750161.074	750161.074	750161.074	750161.074	750161.074	750130.692	750130.692	750130.692	750130,692	750130.692	750130.692	750130.692	750130.692	750267.060	750267.060	750267.060	750267.060	750267.060	750267.060	750267.060	750267.060	750195.418	750195.418
Easting	2083701.442	2083701 442	2083701.442	2083701.442	2083701.442	2083694.513	2083694.513	2083694.513	2083694.513	2083694.513	2083694.513	2083694 513	2083694 513	2083693,645	2083693.645	2083693.645	2083693.645	2083693,645	2083693.645	2083693.645	2083693.645	2083666.340	2083666.340	2083666.340	2083666.340	2083666.340	2083666 340	2083666 340	2083666 340	2083731.083	2083731.083
Location	CE43-006	CE43.006	CE43-006	CE43-006	CE43-006	CE43-007	CE43-007	CE43-007	CE43-007	CE43-007	CF43-007	CE43-007	CE43-007	CE43-008	CF43-008	CE43-008	CE43-008	CE43-008	CE43-008	CE43-008	CE43-008	CE44-013	CF44-013	CE44-013	CE44-013	CE44-013	CF44-013	CE44-013	CE44-013	CE44-014	CE44-014
IHSS/ Group UBC	anic				-				•																						

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Comments	statistical grid for UBC 707, first interval beneath building slab	statistical grid for UBC 707, first interval beneath building slab	statistical grid for UBC 707	statistical grid for UBC 707	statistical grid for UBC 707	statistical grid for UBC 70/	biased - roof drain outfall	biased - roof drain outlail	biased - roof drain outfall	Diased - roof drain outfall	bissed - 1001 drain outfall	Diased - 1001 diam outfall	biased - roof drain outlait	biased - roof drain outrail	biased - root drain outfall	biased - roof drain outfall	biased - roof drain outfall	biased - root drain outfall	biased - roof drain outfall	statistical grid for UBC 707, first interval	statistical grid for UBC 707, first interval	beneath building slab	statistical grid for UBC 707, first interval	statistical and for IIBC 707 first interval	stansucal grid for 707; mes messes beneath building slab	statistical grid for UBC 707	statistical grid for UBC 707	statistical grid for UBC 707			
Off-site Laboratory Method	8270	8260	6010	Alpha Spec				ဒ္ဓ	0/78	9200	\neg	ည္က	8270	8260	6010	Alpha Spec	8270	8260	6010	Alpha Spec	8270	8260	6010		Alpha Spec	8270		8260	6010	Alpha Spec	8270
On-site Laboratory Method	N/A	8260	6010	HPGe	N/A	8260	6010	HPGe	N/A	8200	6010	HPGe	N/A	8260	6010	HPGe	N/A	8260	6010	HPGe	N/A	8260	6010		HPGe	N/A		8260	6010	HPGe	N/A
Analyte	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals		Radionuclides	SVOCs		VOCs	Metals	Radionuclides	SVOCs
Depth Interval	00.5	00.5	0.5'-2.5'	05:25	0.5'-2.5'	0.5'-2.5'	0,-0.5	00.5	0,-0.5	0,-0.5	0.5:-2.5	0.5'-2.5'	0.5'-2.5'	0.5'-2.5'	0.0.5	00.5	0'-0.5'	0'-0.5'	0.5-2.5	0.5'-2.5'	0.5'-2.5'	0.5'-2.5'	0.0.5		0,-0.5	0.0.5		00.5	0.5'-2.5'	0.5'-2.5'	0.5'-2.5'
Media	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil		Subsurface Soil	Subsurface Soil		Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil
Northing	750195.418	750195.418	750105 418	750105 418	750195.418	750195.418	750221.838	750221.838	750221.838	750221.838	750221.838	750221.838	750221.838	750221.838	750192.324	750192.324	750192.324	750192 324	750192 324	750192 324	750192 324	750192 324	705 19007	1000000	749961.507	7/10961 507	100:100/-1	749961.507	749961 507	749961 507	749961.507
Easting	2083731.083	2083731 083	2002721000	2083/31.083	2083/31.083	2083731.083	2083694.513	2083694.513	2083694.513	2083694.513	2083694.513	2083694.513	2083694.513	2083694 513	2083694 513	2083694 513	2083694 513	2083694 513	2083694.213	2002024.212	2003034.313	2062024.212	2063024:312	660.660007	2083899.099	000 0002000	7002097.029	2083899.099	20022000 000	2003639300	2083899.099
Location	CE44-014	CE44-014		CE44-014	CE44-014	CE44-014	CE44-015	CE44-015	CE44-015	CE44-015	CE44-015	CE44-015	CE44-015	CE44_015	CEAA-015	CE44_016	CE44-010	CE44-010	CE44-010	CE44-010	CE44-010	CE44-010	CE44-016	CF42-000	CF42-000		CF42-000	CF42-000	000	CF42-000	CF42-000
IHSS PAC/ Group UBC	Site																	-													

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y Comments	statistical grid for UBC 707	statistical grid for UBC 707, first interval beneath building slab		statistical grid for UBC 707, first interval beneath building slab	statistical grid for UBC 707, first interval beneath building slab	statistical grid for UBC 707		statistical grid for UBC 707	statistical grid for UBC 707	statistical grid for UBC 707, first interval beneath building slab	statistical grid for UBC 707, first interval beneath building slab	statistical grid for UBC 707, first interval beneath building slab	statistical grid for UBC 707, first interval beneath building slab	statistical grid for UBC 707		statistical grid for UBC 707	statistical grid for UBC 707	statistical grid for UBC 707, first interval beneath building slab		statistical grid for UBC 707, first interval beneath building slab	statistical grid for UBC 707, first interval beneath building slab	
Off-site Laboratory Method	8260	6010	Alpha Spec	8270	8260	6010	Alpha Spec	8270	8260	6010	HPGe	8270	8260	6010	Alpha Spec	8270	8260	6010	Alpha Spec	8270	8260	6010
On-site Laboratory Method	8260	6010	HPGe	N/A	8260	6010	HPGe	N/A	8260	6010	HPGe	N/A	8260	6010	HPGe	N/A	8260	6010	HPGe	N/A	8260	6010
Analyte	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals
Depth Interval	0.5'-2.5'	0.0.5	00.5	00.5	00.5	0.5'-2.5'	0.5'-2.5'	0.5'-2.5'	0.5'-2.5'	00.5	00.5	0,-0.5	00.5	0.5'-2.5'	0.5'-2.5'	0.5'-2.5'	0.5'-2.5'	0'-0.5'	00.5	0-0.5	00.5	0.5'-2.5'
Media	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil
Northing	749961.507	749954.369	749954.369	749954.369	749954.369	749954.369	749954.369	749954.369	749954.369	749895.891	749895.891	749895.891	749895.891	749895 891	749895.891	749895.891	749895.891	749837.414	749837.414	749837.414	749837.414	749837.414
Easting	2083899.099	2083827.454	2083827.454	2083827.454	2083827.454	2083827.454	2083827.454	2083827.454	2083827.454	2083869.458	2083869.458	2083869.458	2083869.458	2083869 458	2083869.458	2083869.458	2083869.458	2083911.462	2083911.462	2083911.462	2083911.462	2083911.462
Location	CF42-000	CF42-001	CF42-001	CF42-001	CF42-001	CF42-001	CF42-001	CF42-001	CF42-001	CF42-002	CF42-002	CF42-002	CF42-002	CEA2 002	CE42-002	CF42-002	CF42-002	CF42-003	CF42-003	CF42-003	CF42-003	CF42-003
IHSS PAC/ Group UBC	3116			1																		

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Comments	statistical grid for UBC 707	statistical grid for UBC 707	statistical grid for UBC 707, first interval beneath building slab	statistical grid for UBC 707, first interval beneath building slab	statistical grid for UBC 707, first interval beneath building slab	statistical grid for UBC 707, first interval beneath building slab	statistical grid for UBC 707	biased - below grade autoclave vault, first interval beneath slab	biased - below grade autoclave vault, first interval beneath slab	biased - below grade autoclave vault, first interval beneath slab	biased - below grade autoclave vault, first interval beneath slab	biased - below grade autoclave vault	biased - below grade autoclave vault, first interval beneath slab	biased - below grade autoclave vault, first interval beneath slab	biased - below grade autoclave vault, first interval beneath slab	biased - below grade autoclave vault, first interval beneath slab	biased - below grade autoclave vault						
Off-site Laboratory Method	8270	8260	6010	Alpha Spec	8270	8260	6010	Alpha Spec	8270	8260	6010	HPGe	8270	8260	6010	Alpha Spec	8270	8260	6010	Alpha Spec	8270	8260	6010
On-site Laboratory Method	N/A	8260	6010	HPGe	N/A	8260	6010	HPGe	N/A	8260	6010	HPGe	N/A	8260	6010	HPGe	N/A	8260	6010	HPGe	N/A	8260	6010
Analyte	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals
Depth Interval	0.5'-2.5'	0.5:-2.5	00.5	0,-0.5	0,-0.5	0'-0.5'	0.5'-2.5'	0.5'-2.5'	0.5'-2.5'	0.5'-2.5'	0'-0.5'	0'-0.5'	00.5	0.0.5	0.5'-2.5'	0.5'-2.5'	0.5'-2.5'	0.5'-2.5'	00.5	00.5	00.5	0,-0.5	0.5'-2.5'
Media	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil
Northing	749837,414	749837.414	749830.276	749830.276	749830.276	749830.276	749830.276	749830,276	749830,276	749830.276	749789.372	749789.372	749789.372	749789.372	749789.372	749789.372	749789.372	749789.372	749789.492	749789.492	749789.492	749789.492	749789.492
Easting	2083911 462	2083911.462	2083839.816	2083839.816	2083839.816	2083839.816	2083839.816	2083839,816	2083839.816	2083839.816	2083819.273	2083819.273	2083819.273	2083819.273	2083819.273	2083819.273	2083819.273	2083819.273	2083833.642	2083833.642	2083833.642	2083833.642	2083833.642
Location	CE42-003	CF42-003	CF42-004	CF42-004	CF42-004	CF42-004	CE42,004	CE42-004	CF42-004	CF42-004	CF42-005	CF42-005	CF42-005	CF42-005	CE42_005	CE42-005	CF42-005	CF42-005	CF42-006	CF42-006	CF42-006	CF42-006	CF42-006
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Comments	biased - below grade autoclave vault	biased - below grade autoclave vault	biased - below grade autoclave vault	biased - below grade autociave vault, first interval beneath slab	biased - below grade autoclave vault, first interval beneath slab	biased - below grade autoclave vault, first interval beneath slab	biased - below grade autoclave vault, first interval beneath slab	biased - below grade autoclave vault	biased - below grade autoclave vault	biased - below grade autoclave vault	biased - below grade autoclave vault	biased - below grade autoclave vault, lifst interval beneath slab	biased - below grade autoclave vault, first interval beneath slab	biased - below grade autoclave vault, first interval beneath slab	biased - below grade autoclave vault, first interval beneath slab	biased - below grade autoclave vault	biased - below grade autoclave vault, first interval beneath slab	biased - below grade autoclave vault, first interval beneath slab	biased - below grade autoclave vault, first interval beneath slab	biased - below grade autoclave vault, first interval beneath slab			
	biased -	biased -	biased -	biased - interval	biased interval	biased interval	biased	biased	biased	biased	biased	biased interva	biased interva	biased	biased	biased	biased	biased	biased	biased	biased interv	biased	biased interv
Off-site Laboratory Method	Alpha Spec	8270	8260	6010	Alpha Spec	8270	8260	6010	Alpha Spec	8270	8260	6010	Alpha Spec	8270	8260	6010	Alpha Spec	8270	8260	6010	Alpha Spec	8270	8260
On-site Laboratory Method	HPGe	N/A	8260	6010	HPGe	N/A	8260	6010	HPGe	N/A	8260	6010	HPGe	N/A	8260	6010	HPGe	N/A	8260	6010	HPGe	N/A	8260
Analyte	Radionuclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals	Radionnelides	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs
Depth Interval	0 5'-2 5'	0 5'-2 5'	0.5-2.3	00.5	00.5	00.5	0,-0.5	0.5-2.5	0 5'-2 5'	0.5'-2.5'	0.5'-2.5'	00.5	0'-0.5'	00.5	0.0.5	0 5'-2 5'	05:25	0.5'-2.5'	0.5'-2.5'	00.5	00.5	00.5	0,-0.5
Media	Curbenuface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil
Northing	740700 400	74709.497	749789.492	749789.853	749789.853	749789.853	749789.853	740780 853	740700 052	740789 853	749789.853	749789.492	749789.492	749789.492	749789.492	740700 402	747.09.477	749169.492	7/0780 492	749789.492	749789.492	749789.492	749789.492
Easting	00000000	2083833.042	2083833.642	2083833.642	2083848.279	2083848.279	2083848.279	000000000000000000000000000000000000000	2003040.279	2083848.279	2083848.279	2083901.050	2083901.050	2083901 050	2083901.050	030 100000	2083901.050	2083901.050	2083901.030	2083916.019	2083916.019	2083916.019	2083916.019
Location. Code		CF42-006	CF42-006	CF42-006	CE42-007	CF42-007	CF42-007	100 00 100	CF42-00/	CF42-007	CF42-00/	CF42-007	CE42,008	CE42-008	CE42-008	200-71-10	CF42-008	CF42-008	CF42-008	CF42-008	CF42-009	CF42-009	CE42_000
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IIISS Group																M-1							

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Comments	biased - below grade autoclave vault	biased - below grade autoclave vault, first interval beneath slab	biased - below grade autoclave vault, first interval beneath slab	biased - below grade autoclave vault, first interval beneath slab	biased - below grade autoclave vault, first interval beneath slab	biased - below grade autoclave vault	biased - coolant oil drain box, first interval beneath building slab	biased - coolant oil drain box, first interval beneath building slab	biased - coolant oil drain box, first interval	biased - coolant oil drain box, first interval	beneath building slab	biased - coolant oil drain box	biased - OPWL west of Building 707 (P-14)	biased - OPWL west of Building /0/ (F-14)	biased - OPWL west of Building /0/ (F-14)	biased - OPWL west of Building /0/ (P-14)	biased - OPWL west of Building 707 (P-14)	biased - OPWL west of Building 707 (P-14)	biased - OPWL west of Building /0/ (F-1+)									
Off-site Laboratory Method	6010	Alpha Spec	8270	8260	6010	HPGe	8270	8260	6010	Alpha Spec	8270	8260	6010	HPGe	8270		8260	6010	Alpha Spec	8270	8260	6010	Alpha Spec	8270	8260	6010	Alpha Spec	8270
On-site Laboratory Method	6010	HPGe	N/A	8260	6010	HPGe	N/A	8260	6010	HPGe	N/A	8260	6010	HPGe	N/A		8260	6010	HPGe	N/A	8260	6010	HPGe	N/A	8260	6010	HPGe	N/A
Analyte	Metals	Radionuclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs	NOCs	Metals	Radionuclides	SVOCs		VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs
Depth Interval	0.5:2.5	0 5'-2 5'	0 5'-2 5'	05-25	00.5	0.0.5	00.5	0'-0.5'	0 5'-2 5'	0.5-2.5	0.5'-2.5'	0.5'-2.5'	0:0.5	00.5	00.5		0.0.5	0.5'-2.5'	0.5'-2.5'	0.5'-2.5'	0.5'-2.5'	2.5'-4.5'	2.5'-4.5'	2.5'-4.5'	2.5'-4.5'	4.5'-6.5	4.5'-6.5	4.5'-6.5
Media	Subsurface Soil		Subsurface Soil	Subsurface Soil		Subsurface Soil	Subsurface Soil	Subsurface Soil	Cubaurface Coil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil		Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil
Northing	740789 497	271.007.047	740700 400	749789.492	749789.022	749789.022	749789.022	749789.022	740700 000	770780 022	749789 022	749789 022	749915.415	749915.415	740015415	C11:C1/C1/	749915.415	749915 415	749915.415	749915415	749915.415	750021.010	750021,010	750021,010	750021 010	750021.010	750021.010	750021.010
Easting	01000000	2003910.019	2083916.019	2083916.019	2083930.711	2083930.711	2083930.711	2083930.711		2083930.711	2083930.711	2083930.711	2083820.381	2083820 381	2002020202020	2003020.301	2083820.381	2003820 381	2083820.381	2083820.381	2083820.381	2083320.361	2083787.160	2083787 160	2083787 160	2083787.160	2083787.160	2083787.160
Location Code	000 6120	CF42-009	CF42-009	CF42-009	CF42-009	CE42-010	CF42-010	CE42-010		CF42-010	CF42-010	CF42-010	CF42-010	CEA2 011	110-74-10	CF42-011	CF42-011	110 011	CF42-011	CE42-011	CF42-011	CE42-011	CE43-000	CE43-000	CF43-000	CE43-000	CF43-000	CF43-000
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Comments	biased - OPWL west of Building 707 (P-14)	biased - OPWL west of Building 707 (P-14)	biased - OPWL west of Building 707 (P-14)	biased - OPWL west of Building 707 (P-14)	biased - OPWL west of Building 707 (P-14)	biased - OPWL west of Building 707 (P-14)	biased - OPWL west of Building 707 (P-14)	biased - OPWL west of Building 707 (P-14)	biased - OPWL west of Building 707 (P-14)	statistical grid for UBC 707, first interval beneath building slab	statistical grid for UBC 707, first interval beneath building slab	statistical grid for UBC 707, first interval beneath building slab	statistical grid for UBC 707, first interval beneath building slab	statistical grid for UBC 707	statistical grid for UBC 707, first interval beneath building slab	statistical grid for UBC 707, first interval beneath building slab	statistical grid for UBC 707, first interval beneath building slab	statistical grid for UBC 707, first interval beneath building slab	statistical grid for UBC 707	statistical grid for UBC 707, first interval beneath building slab						
Off-site Laboratory Method	8260	6010	Alpha Spec	8270	8260	6010	Alpha Spec	8270	8260	6010	Alpha Spec	8270	8260	6010	Alpha Spec	8270	8260	6010	Alpha Spec	8270	8260	6010	Alpha Spec	8270	8260	6010
On-site Laboratory Method	8260	6010	HPGe	N/A	8260	6010	HPGe	N/A	8260	6010	HPGe	N/A	8260	0109	HPGe	N/A	8260	6010	HPGe	N/A	8260	6010	HPGe	N/A	8260	6010
Analyte	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals
Depth Interval	4.5'-6.5	2.5'-4.5'	2.5'-4.5'	2.5'-4.5'	2.5'-4.5'	4.5'-6.5	4.5'-6.5	4.5'-6.5	4.5'-6.5	00.5	0'-0.5'	0:-0.5	0-0.5	0.5'-2.5'	0.5'-2.5'	0.5.2.5	0.5'-2.5'	0.0.5	0,-0.5	00.5	0,-0.5	0.5-2.5	0.5'-2.5'	0.5'-2.5'	0.5'-2.5'	00.5
Media	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil									
Northing	750021 010	749975 440	749975 440	749975 440	749975,440	749975 440	749975 440	749975,440	749975.440	750151.216	750151.216	750151.216	750151.216	750151 216	750151 216	750151 216	750151.216	750144.078	750144.078	750144.078	750144.078	750144.078	750144.078	750144 078	750144.078	750085.600
Easting	091 787 160	2083748 100	2083748 100	2083748 100	2083748 100	2083748 100	2083748 100	2083748 100	2083748 100	2083916.378	2083916.378	2083916.378	2083916.378	2083016 378	2083016 378	2002910.270	2083910.378	2083844.732	2083844.732	2083844.732	2083844.732	2083844 732	2083844 732	2003644 732	2083844.732	2083886.736
Location	000	CE43-000	CE43-001	CE43-001	CE43-001	CE43-001	CE43 001	CE43-001	CE43-001	CF43-002	CF43-002	CF43-002	CF43-002	000 000	CE43-002	CF43-002	CE43-002	CF43-003	CF43-003	CF43-003	CF43-003	CE43-003	CE43-003	CE43-003	CF43-003	CF43-004
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Comments	statistical grid for UBC 707, first interval beneath building slab	statistical grid for UBC 707, first interval beneath building slab	statistical grid for UBC 707, first interval beneath building slab	statistical grid for UBC 707	statistical grid for UBC 707, first interval beneath building slab	statistical grid for UBC 707, first interval beneath building slab	statistical grid for UBC 707, first interval beneath building slab	statistical grid for UBC 707, first interval beneath building slab	statistical grid for UBC 707	statistical grid for UBC 707, first interval beneath building slab	statistical grid for UBC 707, first interval beneath building slab	statistical grid for UBC 707, first interval beneath building slab	statistical grid for UBC 707, first interval beneath building slab	statistical grid for UBC 707									
Off-site Laboratory Method	HPGe	8270	8260	6010	Alpha Spec	8270	8260	6010	Alpha Spec	8270	8260	6010	Alpha Spec	8270	8260	6010	HPGe	8270	8260	6010	Alpha Spec	8270	8260
On-site Laboratory Method	HPGe	N/A	8260	6010	HPGe	N/A	8260	6010	HPGe	N/A	8260	6010	HPGe	N/A	8260	6010	HPGe	N/A	8260	6010	HPGe	N/A	8260
Analyte	Radionuclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs
Depth Interval	0.0.5	00.5	00.5	0.5:-2.5	0.5'-2.5'	0.5'-2.5'	0.5:-2.5	00.5	00.5	0-0.5	00.5	0.5'-2.5'	0.5'-2.5'	0.5'-2.5'	0.5'-2.5'	00.5	0'-0.5'	0.0.5	00.5	0.5'-2.5'	0.5'-2.5'	0.5-2.5	0.5'-2.5'
Media	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil
Northing	750085.600	750085.600	750085.600	750085.600	750085.600	750085.600	750085.600	750027.122	750027.122	750027.122	750027.122	750027.122	750027.122	750027.122	750027.122	750136.941	750136.941	750136.941	750136.941	750136.941	750136,941	750136.941	750136.941
Easting	2083886.736	2083886.736	2083886.736	2083886.736	2083886.736	2083886.736	2083886.736	2083928.740	2083928.740	2083928.740	2083928.740	2083928.740	2083928.740	2083928.740	2083928.740	2083773.087	2083773.087	2083773.087	2083773.087	2083773 087	2083773.087	2083773.087	2083773.087
Location	CF43-004	CF43-004	CF43-004	CF43-004	CF43-004	CF43-004	CF43-004	CF43-005	CF43-005	CF43-005	CF43-005	CF43-005	CF43-005	CF43-005	CF43-005	CF43-006	CF43-006	CF43-006	CF43-006	CF43-006	CF43-006	CF43-006	CF43-006
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				le l				1,0		al	al	al					neath	neath	neath	neath			
Comments	statistical grid for UBC 707, first interval beneath building slab	statistical grid for UBC 707, first interval beneath building slab	statistical grid for UBC 707, first interval beneath building slab	statistical grid for UBC 707, first interval beneath building slab	statistical grid for UBC 707	statistical grid for UBC 707	statistical grid for UBC 707	statistical gnd lor OBC 707 first interval	statistical grid for ODC 707, instruction	statistical grid for UBC 707, first interval beneath building slab	statistical grid for UBC 707, first interval beneath building slab	statistical grid for UBC 707, first interval beneath building slab	statistical grid for UBC 707	biased - coolant oil pit, first interval beneath building slab	biased - coolant oil pit, first interval beneath building slab	biased - coolant oil pit, first interval beneath building slab	biased - coolant oil pit, first interval beneath building slab	biased - coolant oil pit	biased - coolant oil pit	bissed coolent oil nit			
Off-site Laboratory Method	6010	Alpha Spec	8270	8260		3		8790	6010	HPGe	8270	8260	6010	Alpha Spec	8270	8260	6010	HPGe	8270	8260	6010	Alpha Spec	0000
On-site Laboratory Method	6010	HPGe	N/A	8260	6010	HPGe	N/A	8260	6010	HPGe	N/A	8260	6010	HPGe	N/A	8260	6010	HPGe	N/A	8260	6010	HPGe	4/14
Analyte	Metals	Radionuclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals	Radionuclides	
Depth Interval	00.5	00.5	0:0.5	00.5	0.5'-2.5'	0.5'-2.5'	0.5'-2.5'	0.5'-2.5'	0.0.5	0,-0.5	0,-0.5	0,-0.5	0.5-2.5	05:25	0.5:2.5	0.5'-2.5'	0,-0.5	0,-0.5	0,-0.5	0.0.5	0.5:25	0.5-2.5	
Media	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Tron Convenience
Northing	750078.463	750078.463	750078.463	750078.463	750078.463	750078.463	750078.463	750078.463	750019.985	750019.985	750019.985	750019.985	750010 085	750010 085	750010 085	750019 985	750089.894	750089.894	750089.894	750089.894	750080 804	750080 894	1,30003,624
Easting	2083815.091	2083815.091	2083815.091	2083815.091	2083815 091	2083815.091	2083815.091	2083815.091	2083857.095	2083857.095	2083857.095	2083857.095	300 1300000	2002057.093	20020527.093	20075857	2083819.513	2083819.513	2083819.513	2083819.513	2002010 £12	2083819.313	2083819.313
Location Code	CF43-007	CF43-007	CF43-007	CF43-007	CE43 007	CE43-007	CF43-007	CF43-007	CF43-008	CF43-008	CF43-008	CF43-008	000 6740	CF43-008	CF43-008	CF43-008	CF43-013	CF43-013	CF43-013	CF43-013	010 0110	CF43-013	CF43-013
	Site																						_
THSS																							

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Comments	biased - coolant oil pit	biased - barrel rotating, first interval beneath depressed slab	biased - barrel rotating, first interval beneath depressed slab	biased - barrel rotating, first interval beneath depressed slab	biased - barrel rotating, first interval beneath depressed slab	biased - barrel rotating, depressed slab	biased - coolant oil drain box, first interval beneath slab	biased - coolant oil drain box, first interval beneath slab	biased - coolant oil drain box, first interval beneath slab	biased - coolant oil drain box, first interval	beneath stab	biased - coolant oil drain box	biased - coolant oil drain box, first interval beneath slab	biased - coolant oil drain box, first interval beneath slab	biased - coolant oil drain box, first interval beneath slab	biased - coolant oil drain box, first interval beneath slab	biased - coolant oil drain box	biased - coolant oil drain box						
Off-site Laboratory Method	8260	6010	Alpha Spec	8270	8260	6010	Alpha Spec		8260	6010	HPGe	8270	8260		0109	Alpha Spec	8270	8260	6010	HPGe	8270	8260	6010	Alpha Spec
On-site Laboratory Method	8260	6010	HPGe	N/A	8260	6010	HPGe	N/A	8260	6010	HPGe	N/A	8260		6010	HPGe	N/A	8260	6010	HPGe	N/A	8260	6010	HPGe
Analyte	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs		Metals	Radionuclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals	Radionuclides
Depth Interval	0 5'-2 5'	0,-0.5	00.5	0.0.5	0.0.5	0.5'-2.5'	0.5'-2.5'	0.5'-2.5'	0.5'-2.5'	0,-0.5	00.5	0,-0.5	0,-0 5,	0.0-0	0.5'-2.5'	0.5'-2.5'	0.5'-2.5'	0.5'-2.5'	00.5	0,-0.5	0,-0.5	00.5	0.5:25	0.5-2.5
Media	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Section of the second s	Subsultace Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil
Northing	750000 000	749962.290	749962.290	749962.290	749962.290	060 090072	060 690072	749962 290	749962 290	750147.186	750147.186	750147.186	701 1700	/2014/.180	750147.186	750147.186	750147.186	750147.186	750029.998	750029.998	750029.998	750029.998	75000000000	750029.998
Easting	613	2083828.194	2083828.194	2083828.194	2083828.194	1002000 104	2002020104	2083828.194	2002020124	2083819.513	2083819.513	2083819 513		2083819.513	2083819.513	2083819 513	2083819 513	2083819 513	2083820.381	2083820.381	2083820.381	2083820.381	190 000000	2083820.381
Location		CF43-013 CF43-014	CF43-014	CF43-014	CF43-014	OT 12 014	CF43-014	CF43-014	CF43-014	CF43-017	CE43-017	CE43-017	10-6-10	CF43-017	CE43-017	CE43-017	CE43-017	CE43-017	CF43-017	CF43-018	CE43-018	CF43-018	010 01	CF43-018 CF43-018
HSS/ Group UBC	Site																							

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Comments	biased - coolant oil drain box	biased - coolant oil drain box	biased - coolant oil drain box, first interval beneath slab	biased - coolant oil drain box, first interval beneath slab	biased - coolant oil drain box, first interval beneath slab	biased - coolant oil drain box, first interval beneath slab	biased - coolant oil drain box	biased - OPWL north of Building 707 (P-15)	biased - OPWL north of Building 707 (P-15)	biased - OPWL north of Building 707 (P-15)	biased - OPWL north of Building 707 (P-15)	biased - OPWL north of Building 707 (P-15)	biased - OPWL north of Building 707 (P-15)	biased - OPWL north of Building 707 (P-15)	biased - OPWL north of Building 707 (P-15)	statistical grid for UBC 707, first interval beneath building slab	statistical grid for UBC 707, first interval beneath building slab	statistical grid for UBC 707, first interval beneath building slab	statistical grid for UBC 707, first interval beneath building slab	statistical grid for UBC 707						
Off-site Laboratory Method	8270	8260	6010	HPGe	8270	8260	6010	Alpha Spec		8260		Alpha Spec			6010	Alpha Spec	8270	8260	6010	HPGe	8270	8260	6010	Alpha Spec	8270	8260
On-site Laboratory Method	N/A	8260	6010	HPGe	N/A	8260	6010	HPGe	N/A	8260	6010	HPGe	N/A	8260	6010	HPGe	N/A	8260	6010	HPGe	N/A	8260	6010	HPGe	N/A	8260
Analyte	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs
Depth Interval	0.5'-2.5'	0.5'-2.5'	00.5	0.0.5	00.5	00.5	0.5'-2.5'	0.5'-2.5'	0.5'-2.5'	0.5'-2.5'	4.5'-6.5'	4.5'-6.5'	4.5'-6.5'	4.5'-6.5'	6.5'-8.5'	6.5'-8.5'	6.5'-8.5'	6.5'-8.5'	00.5	00.5	00.5	00.5	05'-25'	05-25	0.5'-2.5'	0.5-2.5'
Media	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil
Northing	750029 998	750079 998	749973.574	749973.574	749973.574	749973.574	749973 574	749973.574	749973.574	749973.574	750266.250	750266.250	750266.250	750266.250	750266.250	750266,250	750266.250	750266 250	750209.694	750209.694	750209.694	750209.694	750200 604	750200 604	750209 694	750209 694
Easting	2083820 381	2003020.301	2083820.381	2083820.381	2083820.381	2083820.381	2083820 381	2083820.381	2083820.381	2083820.381	2083852.350	2083852.350	2083852.350	2083852.350	2083852.350	2083852 350	2083852 350	2083852 350	2083874.374	2083874.374	2083874.374	2083874.374	2002074 374	2003074.374	2083874374	2083874.374
Location Code	CE42 018	CE43-010	CF43-019	CF43-019	CF43-019	CF43-019	CE43 010	CF43-019	CF43-019	CE43-019	CF44-014	CF44-014	CF44-014	CF44-014	CF44-014	CE44-014	CE44_014	CEAA 014	CF44-015	CF44-015	CF44-015	CF44-015	00044 015	CF44-015	CF44-013	CEAA-015
IHSS/ IHSS PAC/ Group UBC	Site			1		1					1		1			1			1		., .,					

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	erval	erval	erval	terval					beneath	beneath	beneath	l beneath	ab	lab	lab	lab	rval	rval	rval	rval			504.00
Comments	statistical grid for UBC 707, first interval beneath building slab	statistical grid for UBC 707, first interval beneath building slab	statistical grid for UBC 707, first interval beneath building slab	statistical grid for UBC 707, first interval beneath building slab	statistical grid for UBC 707	biased - barrel rotating, first interval beneath depressed slab	biased - barrel rotating, first interval beneath depressed slab	biased - barrel rotating, first interval beneath depressed slab	biased - barrel rotating, first interval beneath depressed slab	biased - barrel rotating, depressed slab	biased - oil line drain box, first interval beneath slab	biased - oil line drain box, first interval beneath slab	biased - oil line drain box, first interval beneath slab	biased - oil line drain box, first interval beneath slab	biased - oil line drain box	biased - oil line drain box	biased - oil line drain box						
477	statistic: beneath	statistica beneath	statistica beneath	statistic: beneath	statistic	statistic	statistic	statistic	biased - barrel depressed slab	biased -	biased -	biased -	biased -	biased - oil l beneath slab	biased - oil l beneath slab	biased - oil li beneath slab	biased - oil li beneath slab	biased	biased	biased			
Off-site Laboratory Method	6010	HPGe	8270	8260	6010	Alpha Spec	8270	8260	6010	Alpha Spec	8270	8260	6010	Alpha Spec	8270	8260	6010	HPGe	8270	8260	6010	Alpha Spec	8270
On-site Laboratory Method	6010	HPGe	N/A	8260	6010	HPGe	N/A	8260	6010	HPGe	N/A	8260	6010	HPGe	N/A	8260	6010	HPGe	N/A	8260	6010	HPGe	N/A
Analyte	Metals	Radionuclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs
Depth Interval	00.5	00.5	00.5	00.5	0.5'-2.5'	0.5'-2.5'	0.5'-2.5'	0.5'-2.5'	0,-0.5	0,-0.5	0,-0.5	0:-0.5	0.5'-2.5'	0.5'-2.5'	0.5'-2.5'	0.5-2.5	0:-0.5	0-0.5	00.5	0.0.5	0.5'-2.5'	0.5'-2.5'	0.5-2.5
Media	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil
Northing	750202.556	750202.556	750202.556	750202.556	750202.556	750202.556	750202.556	750202.556	750195.797	750195.797	750195.797	750195.797	750195 797	750195.797	750195 797	750195.797	750204.477	750204.477	750204.477	750204.477	750204.477	750204.477	750204.477
Easting	2083802.728	2083802.728	2083802.728	2083802.728	2083802.728	2083802.728	2083802.728	2083802.728	2083822.985	2083822.985	2083822.985	2083822.985	2083822 085	2083822 985	2083822 985	2083822 985	2083746.596	2083746.596	2083746.596	2083746.596	2083746.596	2083746.596	2083746.596
Location Code	CF44-016	CF44-016	CF44-016	CF44-016	CF44-016	CF44-016	CF44-016	CF44-016	CF44-017	CF44-017	CF44-017	CF44-017	CEAA 017	CE44-017	CEAA 017	CEAA-017	CF44-018	CF44-018	CF44-018	CF44-018	CE44-018	CF44-018	CF44-018
IHSS/ PAC/ UBC Site																							
HSS Group																							

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Comments	biased - oil line drain box	biased - oil line drain box, first interval beneath slab	biased - oil line drain box, first interval beneath slab	biased - oil line drain box, first interval beneath slab	biased - oil line drain box, first interval beneath slab	biased - oil line drain box	biased - coolant oil drain box, first interval beneath slab	biased - coolant oil drain box, first interval beneath slab	biased - coolant oil drain box, first interval beneath slab	biased - coolant oil drain box, first interval beneath slab	biased - coolant oil drain box	statistical grid for UBC 707, first interval beneath building slab	statistical grid for UBC 707, first interval beneath building slab	statistical grid for UBC 707, first interval beneath building slab	statistical grid for UBC 707, first interval beneath building slab	statistical grid for UBC 707	statistical grid for UBC 707						
Off-site Laboratory Method	8260	6010	Alpha Spec	8270	8260	6010	Alpha Spec	8270	8260	6010	HPGe	8270	8260	6010	Alpha Spec	8270	8260	6010	HPGe	8270	8260	6010	Alpha Spec
On-site Laboratory Method	8260	6010	HPGe	N/A	8260	6010	HPGe	N/A	8260	6010	HPGe	N/A	8260	6010	HPGe	N/A	8260	6010	HPGe	N/A	8260	6010	HPGe
Analyte	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals	Radionuclides
Depth Interval	0.5'-2.5'	0.0.5	00.5	0:-0.5	00.5	0.5'-2.5'	0.5'-2.5'	0.5:-2.5	0.5'-2.5'	0,-0.5	00.5	00.5	0,-0.5	0.5:2.5	0.5'-2.5'	0.5-2.5	0.5'-2.5'	00.5	0:-0.5	00.5	00.5	0.5'-2.5'	0.5'-2.5'
Media	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil
Northing	750204 477	750173.227	750173.227	750173.227	750173.227	750173 227	750173.227	750173.227	750173.227	750204.477	750204.477	750204.477	750204.477	750204 477	750204 477	750204.477	750204.477	749903.029	749903.029	749903.029	749903.029	749903 029	749903.029
Easting	2083746 596	2083743.992	2083743.992	2083743.992	2083743.992	2083743 002	2083743 992	2083743 992	2083743 992	2083820.381	2083820.381	2083820.381	2083820.381	2083820 381	2083820 381	2083820.381	2083820 381	2083941.103	2083941.103	2083941.103	2083941.103	2083041 103	2083941.103
Location	CE44_018	CF44-019	CF44-019	CF44-019	CF44-019	CE44 010	CEAA_019	CE44-019	CE44-019	CF44-025	CF44-025	CF44-025	CF44-025	CEAA 025	CEAA 025	CEAA_025	CE44-025	CG42-000	CG42-000	CG42-000	CG42-000	000 000	CG42-000
HSS PAC/ Group UBC	OIC	_1																					

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Comments	statistical grid for UBC 707	statistical grid for UBC 707	statistical grid for UBC 707, first interval beneath building slab	statistical grid for UBC 707, first interval beneath building slab	statistical grid for UBC 707, first interval beneath building slab	statistical grid for UBC 707, first interval beneath building slab	statistical grid for UBC 707	statistical grid for UBC 707, first interval beneath building slab	statistical grid for UBC 707, first interval beneath building slab	statistical grid for UBC 707, first interval beneath building slab	statistical grid for UBC 707, first interval beneath building slab	statistical grid for UBC 707	biased - roof drain outfall														
Off-site Laboratory Method	8270	8260	0109	Alpha Spec	8270	8260	6010	Alpha Spec	8270	8260	6010	HPGe	8270	8260	6010	Alpha Spec	8270	8260	6010	Sec	8270	8260	6010	Alpha Spec	8270	8260	6010
On-site Laboratory Method	N/A	8260	6010	HPGe	N/A	8260	6010	HPGe	N/A	8260	6010	HPGe	N/A	8260	6010	HPGe	N/A	8260	6010	HPGe	N/A	8260	6010	HPGe	N/A	8260	6010
Analyte	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals
Depth Interval	0.5'-2.5'	0.5'-2.5'	0'-0.5'	0.0.5	0'-0.5'	00.5	0.5'-2.5'	0.5'-2.5'	0.5'-2.5'	0.5'-2.5'	0'-0.5'	00.5	0'-0.5'	00.5	0.5'-2.5'	0.5'-2.5'	0.5'-2.5'	0.5'-2.5'	0'-0.5'	0,-0.5	00.5	0:0.5	0.5'-2.5'	0.5'-2.5'	0.5'-2.5'	0.5'-2.5'	00.5
Media	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil
Northing	749903.029	749903.029	749844.551	749844.551	749844.551	749844.551	749844.551	749844.551	749844.551	749844.551	749778.936	749778.936	749778.936	749778.936	749778.936	749778,936	749778.936	749778.936	749952.741	749952.741	749952.741	749952.741	749952.741	749952.741	749952.741	749952.741	749897.186
Easting	2083941.103	2083941.103	2083983.107	2083983.107	2083983.107	2083983.107	2083983.107	2083983.107	2083983.107	2083983.107	2083953.466	2083953.466	2083953.466	2083953.466	2083953,466	2083953.466	2083953.466	2083953.466	2084006.145	2084006.145	2084006.145	2084006.145	2084006.145	2084006.145	2084006.145	2084006.145	2084006.145
Location Code	CG42-000	CG42-000	CG42-001	CG42-001	CG42-001	CG42-001	CG42-001	CG42-001	CG42-001	CG42-001	CG42-002	CG42-002	CG42-002	CG42-002	CG42-002	CG42-002	CG42-002	CG42-002	CG42-003	CG42-004							
IHSS/ PAC/ UBC Site			1	-l		- L				1		.1	.1		1		1		•					*****			
HSS Group																											

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															-	l beneath	l beneath		l beneath	I beneath					al beneath	al beneath	al beneath	val beneath
Comments	biased - roof drain outfall	biased - root drain outfall	biased - roof drain outfall	biased - roof drain outfall	biased - roof drain outfail	biased - roof drain outfall	biased - roof drain outfall	biased - drum storage, first interval beneath building slab	biased - drum storage, first interval beneath	building slab	biased - drum storage, first interval beneath building slab	biased - drum storage, first interval beneath building slab	biased - drum storage	g	pa	biased - drum scale pit, first interval beneath slab	biased - drum scale pit, first interval beneath											
Off-site Laboratory Method		8270 bias	8260 bias	6010 bias	ည္တ								Sec		8260 bia	6010 bia		HPGe	8270 bia	8260 bia	6010 bia	Alpha Spec bia	8270 bia	8260 bia	6010 bias	Alpha Spec slab	8270 biase	9760 bi.
On-site Laboratory Method	HPGe	N/A	8260	6010		HPGe	N/A	8260	6010	HPGe	N/A	8260	6010	HPGe	N/A	0968												
Analyte	Radionuclides	SVOCs	VOCs	Metals		Radionuclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs	1,007												
Depth Interval	0.0.5	0.00.5	0,-0.5	0.5'-2.5'	0.5-2.5	0.5'-2.5'	0.5'-2.5'	0,-0.5	0,-0.5	00.5	0,-0.5	0.5'-2.5'	0.5'-2.5'	0.5'-2.5'	0.5'-2.5'	0,-0.5		0,-0.5	00.5	0,-0.5	05'-25'	0.5'-2.5'	0.5-2.5	0.5'-2.5'	0'-0.5'	00.5	00.5	0,0 5,
Media	Subsurface Soil		Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil																
Northing	740807 186	740807 186	740807 186	740807 186	749897 186	749897 186	749897.186	749794.755	749794.755	749794.755	749794.755	749794.755	749794.755	749794 755	749794.755	749785.594		749785.594	749785.594	749785.594	740705 504	740705 504	740785 504	749785 594	749792.353	749792.353	749792.353	
Easting	7004006 145	2004006.145	2004000.145	2084006.145	2084006.145	2084006.145	2084006.145	2084007.013	2084007 013	2084007 013	2084007.013	2084007.013	2084007.013	2084007.013	2084007.013	2083977.581		2083977.581	2083977.581	2083977.581	107 1100000	2083977.381	2002027 501	2083977.581	2083973.961	2083973.961	2083973.961	
Eocation Code	700 0700	CG42-004	500-2400	500-2450	CC42-005	CC42-002	CC42-003	2042-003	CG42-003	CG42-003	200-21-00	CG42-006	900-6750	CG42-006		CG42-006	CG42-006	CG42-006	CG42-007	CG42-007	CG42-007	0007						
	Site															1												
IHSS Group																												

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Comments	biased - drum scale pit	biased - elevator shaft, first interval beneath slab	biased - elevator shaft, first interval beneath slab	biased - elevator shaft, first interval beneath slab	biased - elevator shaft, first interval beneath slab	biased - elevator shaft	biased - UBC 707 OPWL (P-19)	biased - UBC /0/ OPWL (P-19)	biased - UBC 707 OPWL (P-19)	statistical grid for OBC 707, first interval beneath building slab																			
Off-site Laboratory Method	6010	Alpha Spec	8270	8260	6010	Alpha Spec	8270	8260	6010	Alpha Spec	8270	8260	6010	Alpha Spec	8270	8260	6010	Alpha Spec	8270	8260	6010	Alpha Spec	8270	8260	6010	Alpha Spec	8270	8260	6010
On-site Laboratory Method	6010	HPGe	N/A	8260	6010	HPGe	N/A	8260	6010	HPGe	N/A	8260	6010	HPGe	N/A	8260	6010	HPGe	N/A	8260	6010	HPGe	N/A	8260	6010	HPGe	N/A	8260	6010
Analyte	Metals	Radionnelides	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals
Depth Interval	0.5:2.5	0 5'-2 5'	0 5:20 5:	0 5:25 5	00.5	00.5	0,-0.5	0.0.5	05'-25'	05-25	0.5'-2.5'	0.5'-2.5'	4.5'-6.5'	4.5'-6.5'	4.5'-6.5'	4.5'-6.5'	2.5'-4.5'	2.5'-4.5'	2.5'-4.5'	2.5'-4.5'	2.5'-4.5'	2,5'-4.5'	2.5'-4.5'	2.5-4.5	2.5-4.5	2.5'-4.5'	2.5'-4.5'	2.5'-4.5'	00.5
Media	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subenreace Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil				
Northing	740707 253	740707 253	749/92.333	740707 353	749796.906	749796.906	749796.906	749796.906	700707077	740706 006	749796 906	749796 906	770050 686	749959 686	740050 686	749959,686	749828.609	749828 609	749828.609	749828.609	749891.109	749891 109	749891 109	749891 109	749811 248	749811 248	749811 248	749811.248	750158.353
Easting	12002007	2083973.901	2083973.961	2083973.901	2083973.901	2083966.978	2083966.978	2083966.978	020 220000	2083900.978	2083966.978	20033000310	200305000	2062926.402	20402020	2083939.402	2083056.666	2083056 666	2083956.666	2083956.666	2083957 534	2083057 534	2083057 534	2083937.334	2002227.334	2003237.334	2003931.334	2083957.534	2083988.023
Location	100 07 00	CG42-00/	CG42-007	CG42-007	CG42-007	CG42-008	CG42-008	CG42-008	0000	CG42-008	CG42-008	CG42-008	CG42-008	CG42-010	CG42-010	CG42-010	CG42-010	CC42-011	CG42-011	CG42-011	CG42-013	CG42-012	CG42-012	CG42-012	CG42-012	CG42-013	CG42-013	CG42-013	CG43-010
HSS PAC/ Group UBC	Site				-1	1	1	1	1																				

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Comments	C 707, first interval	C 707, first interval	C 707, first interval	C 707	C 707	C 707	C 707	C /U/, IIISt IIIIEIVAI	C 707, first interval	IC 707, first interval	C 707, first interval	C 707	3C 707	3C 707	3C 707	3C /U/, first interval	3C 707, first interval	3C 707, first interval	BC 707, first interval	3C 707	BC 707	BC 707	BC 707
	statistical grid for UBC 707, first interval beneath building slab	statistical grid for UBC 707, first interval beneath building slab	statistical grid for UBC 707, first interval beneath building slab	statistical grid for UBC 707	statistical grid for UBC 707	statistical grid for UBC 707	statistical grid for UBC 707	statistical grid for UBC 707, first merval beneath building slab	statistical grid for UBC 707, first interval beneath building slab	statistical grid for UBC 707, first interval beneath building slab	statistical grid for UBC 707, first interval beneath building slab	statistical grid for UBC 707	statistical grid for UBC 707, first interval beneath building slab	statistical grid for UBC 707, first interval beneath building slab	statistical grid for UBC 707, first interval beneath building slab	statistical grid for UBC 707, first interval beneath building slab	statistical grid for UBC 707						
Off-site Laboratory Method	Alpha Spec	8270	8260	6010	Alpha Spec	8270	8260	6010	HPGe	8270	8260	6010	Alpha Spec	8270	8260	6010	Alpha Spec	8270	8260	6010	Alpha Spec	8270	8260
On-site Laboratory Method	HPGe	N/A	8260	6010	HPGe	N/A	8260	6010	HPGe	N/A	8260	6010	HPGe	N/A	8260	6010	HPGe	N/A	8260	6010	HPGe	N/A	0908
Analyte	Radionuclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOC
Depth Interval	00.5	00.5	00.5	0.5'-2.5'	0.5'-2.5'	0.5:-2.5	0.5'-2.5'	00.5	00.5	0,-0.5	0.0.5	0 5'-2 5'	0.5'-2.5'	0.5'-2.5'	0.5'-2.5'	00.5	00.5	00.5	0,-0.5	05-25	05:25	0.5-2.5'	0 5' 2 5'
Media	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subeurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	in a saming
Northing	750158.353	750158.353	750158.353	750158 353	750158.353	750158.353	750158.353	750092.738	750092.738	750092.738	750092.738	750000 728	750007 738	750092.738	750092.738	750034.260	750034.260	750034.260	750034.260	750034 760	750034.200	750034 260	120034.200
Easting	2083988.023	2083988.023	2083988.023	2083088 023	2083988.023	2083988 023	2083988.023	2083958.382	2083958.382	2083958.382	2083958.382	000 0300000	2083928.382	2083938.382	2083938.382	2084000.386	2084000.386	2084000.386	2084000.386	20000000	2084000.386	2084000.380	2084000.380
Location Code	CG43-010	CG43-010	CG43-010	000000000000000000000000000000000000000	CG43-010	CG43-010	CG43-010	CG43-011	CG43-011	CG43-011	CG43-011		CG43-011	CG43-011	CG43-011	CG43-012	CG43-012	CG43-012	CG43-012		CG43-012	CG43-012	CG43-012
4	Site																						_
IHSS Group																							

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Comments	statistical grid for UBC 707, first interval beneath building slab	statistical grid for UBC 707, first interval beneath building slab	statistical grid for UBC 707, first interval beneath building slab	statistical grid for UBC 707, first interval beneath building slab	statistical grid for UBC 707	biased - roof drain outfall																									
Off-site Laboratory Method	6010	HPGe	8270	8260	6010	Alpha Spec	8270	8260	6010	Alpha Spec	8270	8260	6010	Alpha Spec	8270	8260	6010	Alpha Spec	8270	8260	6010	Alpha Spec	8270	8260	6010	Alpha Spec	8270	8260	6010	Alpha Spec	8270
On-site Laboratory Method	6010	HPGe	N/A	8260	6010	HPGe	N/A	8260	6010	HPGe	N/A	8260	6010	HPGe	N/A	8260	6010	HPGe	N/A	8260	6010	HPGe	N/A	8260	6010	HPGe	N/A	8260	6010	HPGe	N/A
Analyte	Metals	Radionuclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs
Depth Interval	00.5	0.0.5	0.0.5	0.0.5	0.5'-2.5'	0.5'-2.5'	0.5'-2.5'	0.5:-2.5	0,-0.5	00.5	0'-0.5'	0'-0.5'	0.5'-2.5'	0.5'-2.5'	0.5'-2.5'	0.5'-2.5'	00.5	00.5	00.5	0'-0.5'	0.5'-2.5'	0.5:-2.5	0.5'-2.5'	0.5'-2.5'	0'-0.5'	0'-0.5'	0.0.5	0.0.5	0.5'-2.5'	0.5'-2.5'	0.5'-2.5'
Media	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil
Northing	749968.644	749968.644	749968.644	749968.644	749968.644	749968.644	749968.644	749968.644	750126.352	750126.352	750126.352	750126.352	750126.352	750126.352	750126.352	750126.352	750063.852	750063.852	750063.852	750063.852	750063.852	750063.852	750063.852	750063.852	750029.130	750029.130	750029.130	750029.130	750029.130	750029.130	750029.130
Easting	2083970.744	2083970.744	2083970.744	2083970.744	2083970.744	2083970.744	2083970.744	2083970.744	2084006.145	2084006.145	2084006.145	2084006.145	2084006.145	2084006.145	2084006.145	2084006.145	2084007.013	2084007.013	2084007.013	2084007.013	2084007.013	2084007.013	2084007.013	2084007.013	2084007.013	2084007.013	2084007.013	2084007.013	2084007.013	2084007.013	2084007.013
Location	CG43-013	CG43-013	CG43-013	CG43-013	CG43-013	CG43-013	CG43-013	CG43-013	CG43-014	CG43-015	CG43-018																				
IHSS/ IHSS PAC/ Group UBC Site																															

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																		val beneath	yol beneath	vai Delleatii	rval beneath	rval beneath					rval beneath	rval beneath	rval beneath
Comments	biased - roof drain outfall	biased - UBC 707 OPWL (P-19)	biased - Room 173 sump, first interval beneath	Decem 172 mmm first inter	biased - Koom 1/3 sump, mei var oeneam slab	biased - Room 173 sump, first interval beneath slab	biased - Room 173 sump, first interval beneath slab	- Room 173 sump	biased - Room 173 sump, first interval beneath	- Room 173 sump, first interval beneath	biased - Room 173 sump, first interval beneath slab																		
ing.	biased -	biased.	biased .	biased	biased.	biased	biased	biased	biased	biased	biased	biased	biased	biased	Siau	biased slab	biased slab	biased slab	biased	biased	biased	biased	biased	biased slab	biased slab				
Off-site Laboratory Method	8260	6010	HPGe	8270	8260	6010	oec .	8270	8260	6010	Alpha Spec	8270	8260	6010	HPGe	8270	8260	6010		HPGe	8270	8260	6010	Alpha Spec	8270	8260	6010	HPGe	8270
On-site Laboratory Method	8260	6010	HPGe	N/A	8260	6010	HPGe	N/A	8260	6010	HPGe	N/A	8260	6010	HPGe	N/A	8260	6010		HPGe	N/A	8260	6010	HPGe	N/A	8260	6010	HPGe	N/A
Analyte	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals		Radionuclides	SVOCs	VOCs	Metals	Radionnelides	SVOCs	VOCs	Metals	Radionuclides	SVOCs
Depth Interval	0.5'-2.5'	0.0.5	0.0.5	0.0.0	0,-0.5	0 5'-2 5'	0.5.2.5	0.5'-2.5'	0.5.2.5	45-65	4.5'-6.5'	4.5'-6.5'	4.5'-6.5'	4.5'-6.5'	4.5'-6.5'	4.5'-6.5'	4.5'-6.5'	0,-0.5		0,-0.5	00.5	0,-0.5	0 5:2 5	0.5.2.5	0.5,25	0.5.2.5.	0.0.5	0,-0.5	0:0.5
Media	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Sursaniaco Son	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subaurface Soil	Subsurface Soil	Subsuitace 30ii	Subsuiface 3011	Subsurface Soil	Subsurface Soil	Subsurface Soil									
Northing	750020 130	740001 804	7400010004	740001 004	740001 904	740001 004	740001 804	749991.804	740001 804	750057	277.750057	750057	750057	750110777	750110727	75011077	750110.727	740064 026	149904.020	749964.026	749964.026	749964.026	740064 006	740074 026	749964.026	749964.020	750053.387	750053.387	750053.387
Easting	2004007 013	2004007.013	2004007.013	2084007.013	2084007.013	2084007.013	2084007.013	2084007.013	2004007.013	2084007.013	2083938.402	2083938.402	2083958 402	204.35.402	2083056 666	200202020	2002056 666	2003930.000	2083995.728	2083995.728	2083995.728	2083995.728	0000000	2083995.728	2083995.728	2083995.728	2083995.728	2083969 856	2083969.856
Location	010 610	CG43-018	CG43-019	CG43-020	CG43-020	CG43-020	CC43-020	CC43-021	CG43-021	CG43-021	CG43-021	CG43-022	CG43-022	CG43-022	CG43-022		CG43-022	CG43-022	CG43-022	CG43-022	CG43-023	CG43-023							
IHSS/ PAC/ UBC	Site																												
HSS I																													

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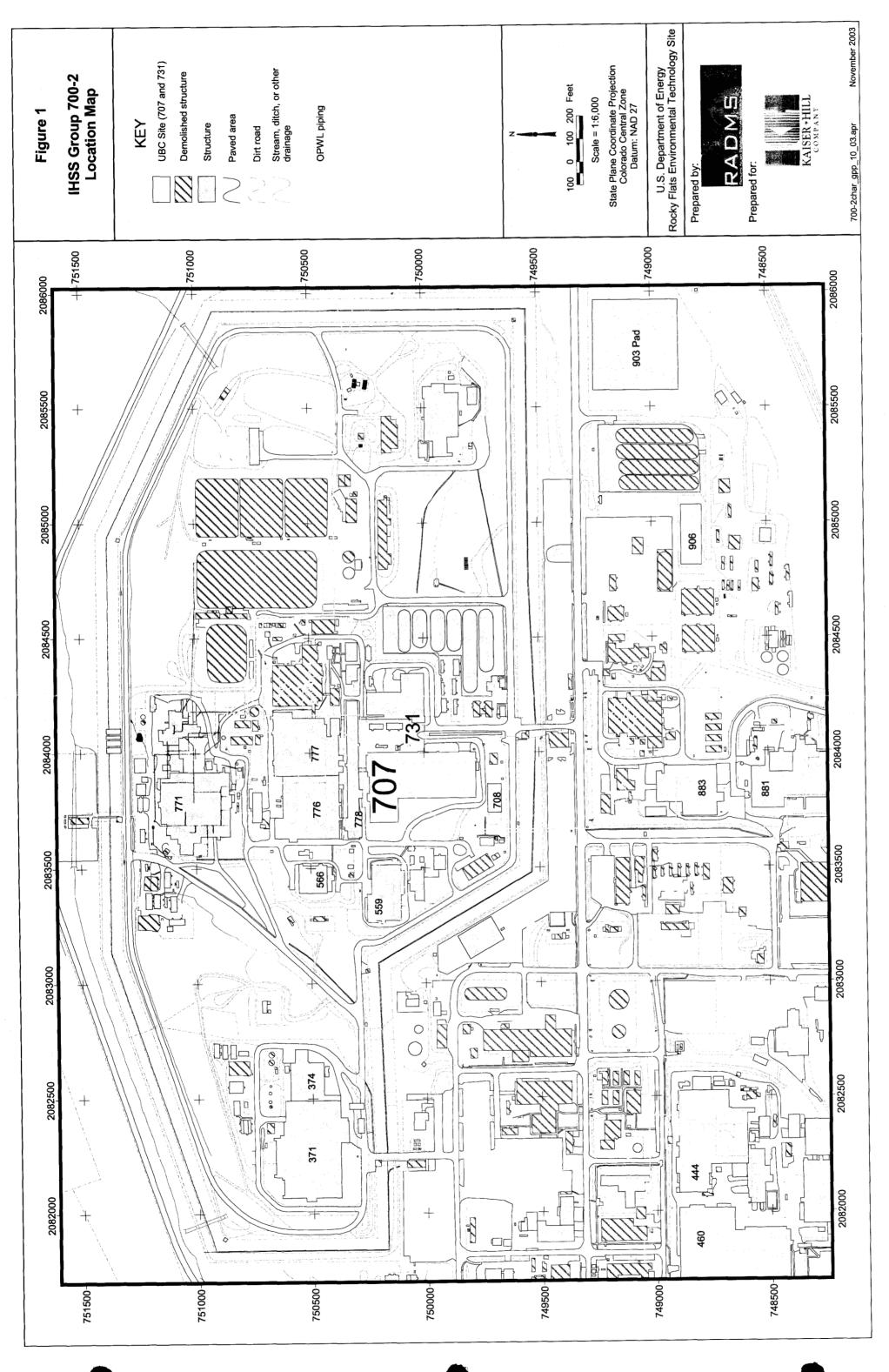
3	Location Code	Easting	Northing	Media	Depth Interval	Analyte	On-site Laboratory Method	Off-site Laboratory Method	Comments
Site	CG43-023	2083969.856	750053.387	Subsurface Soil	0:-0.5	VOCs	8260	8260	biased - Room 173 sump, first interval beneath slab
	2000	350 0300000	750053 387	Subsurface Soil	0.5'-2.5'	Metals	6010	6010	biased - Room 178 sump
	CG43-023	20030600	750053 387	Subsurface Soil	05:25	Radionuclides	HPGe	Alpha Spec	biased - Room 178 sump
	CG43-023	2083909.830	750053.387	Subsurface Soil	0.5'-2.5'	SVOCs	N/A	8270	biased - Room 178 sump
	CG43-023	20822060.820	750053 387	Subsurface Soil	0.5-2.5	VOCs	8260	8260	biased - Room 178 sump
	CG43-023	2082905.830	750337.700	Subsurface Soil	2.5'-4.5'	Metals	6010	6010	biased - OPWL NE of Building 707 (P-14)
	0004400	2084086 920	750337.700	Subsurface Soil	2.5'-4.5'	Radionuclides	HPGe	Alpha Spec	biased - OPWL NE of Building /0/ (F-14)
	CG44 008	2084086 920	750337.700	Subsurface Soil	2.5'-4.5'	SVOCs	N/A	8270	biased - OPWL NE of Building /0/ (F-14)
	0004+1000	2084086 920	750337 700	Subsurface Soil	2.5'-4.5'	VOCs	8260	8260	biased - OPWL NE of Building /0/ (F-14)
	CG44-000	2084086 020	750337 700	Subsurface Soil	4.5'-6.5	Metals	6010	6010	biased - OPWL NE of Building 707 (P-14)
	00444-009	2084086.920	750337.700	Subsurface Soil	4.5'-6.5	Radionuclides	HPGe	Alpha Spec	biased - OPWL NE of Building /0/ (P-14)
	CC44-000	2084086 920	750337.700	Subsurface Soil	4.5'-6.5	SVOCs	N/A	8270	biased - OPWL NE of Building 707 (P-14)
	CC44-000	2084086 920	750337 700	Subsurface Soil	4.5'-6.5	VOCs	8260	8260	biased - OPWL NE of Building /0/ (P-14)
	000 7700	2084000 640	750256.550	Subsurface Soil	2.5'-4.5'	Metals	6010	6010	biased - OPWL NE of Building /0/ (P-14)
	CG44-009	2084000 640	750256 550	Subsurface Soil	2.5'-4.5'	Radionuclides	HPGe	Alpha Spec	biased - OPWL NE of Building 707 (P-14)
	CG44-009	2004002.040	750256 550	Subsurface Soil	2.5'-4.5'	SVOCs	N/A	8270	biased - OPWL NE of Building 707 (P-14)
	CG44-009	2004009.040	75026 550	Subsurface Soil	2.5'-4.5'	VOCs	8260	8260	biased - OPWL NE of Building 707 (P-14)
	CG44-009	2004000.040	750256 550	Subsurface Soil	45'-65	Metals	6010	6010	biased - OPWL NE of Building 707 (P-14)
	CG44-009	2084009.040	750256 550	Subsurface Soil	4.5'-6.5	Radionuclides	HPGe	Alpha Spec	biased - OPWL NE of Building 707 (P-14)
	CG44-009	2084009.640	750256 550	Subsurface Soil	45-65	SVOCs	N/A	8270	biased - OPWL NE of Building 707 (P-14)
	CG44-009	2084009.040	75026 550	Subsurface Soil	45.65	VOCs	8260	8260	biased - OPWL NE of Building 707 (P-14)
	CG44-009	2084009.640	00000000	Subsuitace Soit	C.C.		0,00	0107	statistical grid for UBC 707, first interval
	CG44-010	2083946.019	750216.831	Subsurface Soil	00.5	Metals	0109	6010	beneath building slab
		0.00000	150216035	Cubenieface Coil	0.0	Radionuclides	HPGe	HPGe	statistical grid for UBC 707, first interval
	CG44-010	2083946.019	/30210.031	Subsuitace Son					Delleatil Dulldling Stab
	CG44-010	2083946.019	750216.831	Subsurface Soil	0,-0.5	SVOCs	N/A	8270	beneath building slab
	010	0103046.019	750216 831	Subsurface Soil	0,-0.5	VOCs	8260	8260	statistical grid for UBC 707, first interval beneath building slab
	0.044-010	710:04/2007		11.0	0 5, 0 5,	Matale	6010	6010	statistical grid for UBC 707
	CG44-010	2083946.019	750216.831	Subsurface Soil	05.25	Dadioniclidee	HPGe	Alpha Spec	statistical grid for UBC 707
	CG44-010	2083946.019	750216.831	Subsurface Soll	0.5-2.3	CV/OC	N/N	8270	statistical grid for UBC 707
	CG44-010	2083946.019	750216.831	Subsurface Soil	0.3 - 2.3	NOC.	0928	8260	statistical grid for UBC 707
	CG44-010	2083946.019	750216.831	Subsurface Soil	0.2 - 2.3	500	6010	6010	biased - roof drain outfall

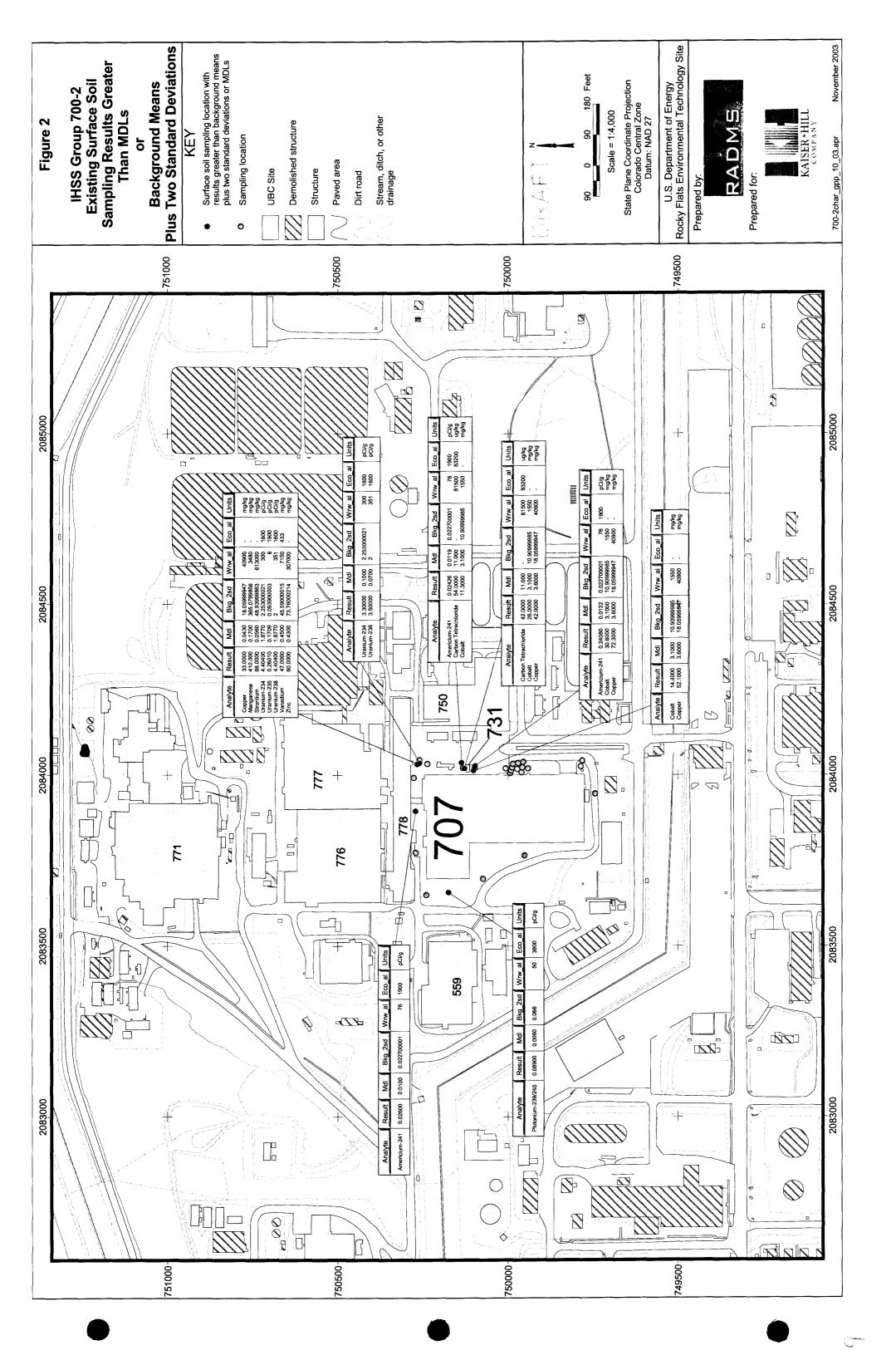
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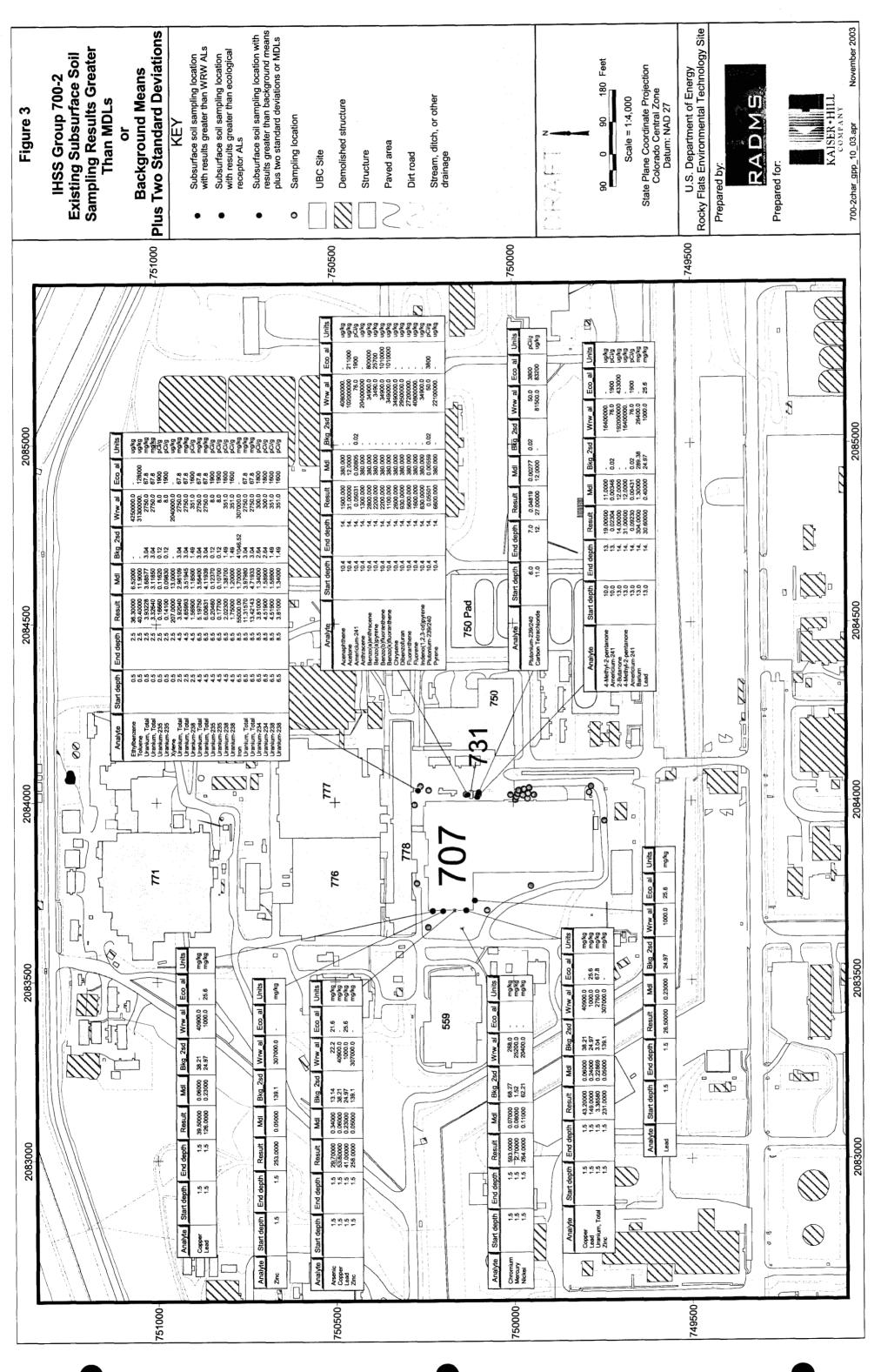
Comments		biased - roof drain outfall	- }	biased - UBC 731 & OPWL Tanks 11 & 30,	Illst littet val Delicatii tile Dunamig 3m2	3	જ	biased - UBC 731 & OPWL Tanks 11 & 30, first interval beneath the building slab	biased - UBC 731 & OPWL Tanks 11 & 30	biased - UBC 731 & OPWL Tanks 11 & 30	biased - UBC 731 & OPWL Tanks 11 & 30	8	biased - UBC 731 & OPWL Tanks 11 & 50,	Line Miles Val Delicain the Contains Single 30.	3	ઝ	શ્ર	biased - UBC 731 & OPWL Tanks 11 & 30	biased - UBC 731 & OPWL Tanks 11 & 30	biased - UBC 731 & OPWL Tanks 11 & 30	biased - UBC 731 & OPWL Tanks 11 & 30	biased - OPWL from Building 731 (P-19)								
Off-site Laboratory	Method	HPGe bia	8270 bia	8260 bia	6010 bia	Alpha Spec bia	8270 bia		6010 bia	SIII	HPGe firs	8270 bia	8260 bia	6010 bia	Alpha Spec bia	8270 . bis	8260 big	6010 bit	III	Alpha Spec fir	8270 bis	8260 bi	6010 bi	Alpha Spec bi			6010 bi	မ္တ	8270 bi	8260 bi
On-site Laboratory	Method	HPGe	N/A	8260	6010	HPGe	N/A	8260	6010		HPGe	N/A	8260	6010	HPGe	N/A	8260	6010		HPGe	N/A	8260	6010	HPGe	N/A	8260	6010	HPGe	N/A	8260
Analyte I		Radionuclides	SVOCs	VOCs	Metals	Radionnclides	SVOCe	VOCs	Metals		Radionuclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals		Radionuclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs	Metals	Radionuclides	SVOCs	VOCs
Depth	merva	0.0.5	0.0.5	0,0 5,	0 5'-2 5'	0 5.20 5	05.25	0.5:2.5	0.0 5		0,-0.5	00.5	00.5	0.5-2.5	05'-25'	0 5'-2 5'	0.5'-2.5'	0.0.5		0.0.5	0,-0.5	00.5	0.5'-2.5'	0.5'-2.5'	0.5'-2.5'	0.5'-2.5'	2.5'-4.5'	2.5'-4.5'	2.5'-4.5'	2.5'-4.5'
Media		Subsurface Soil	Subsuilace Soil	Subsurface Soil	Subsurface Soil	3003011acc 3011	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsuitace Son	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil				
Northing		750183 644	750183 644	750102.644	750103.044	750102.044	720102.044	750183.044	750105.035	006.61106/	750115.936	750115.936	750115.936	750115 036	750115.036	750113.730	750115.936	370,001,037	/30170.7/0	750120.276	750120.276	750120.276	750120276	750120 276	750120 276	750120 276	750266 370	750266 370	750266 370	750266.370
Easting		777 300 A DO C	2084003.277	2084003.277	2084005.277	2084005.277	2084005.277	2084005.277	2084003.277	2084015.694	2084015.694	2084015.694	2084015.694	2004015 504	2004015.094	2084015.094	2084015.694	2004013.034	2084027.840	2084027.846	2084027.846	2084027.846	2004027 846	200402	2004027.846	2084027.846	2084027.040	2084038.200	2084038.200	2084038.260
Location	Code		CG44-011	CG44-011	CG44-011	CG44-011	CG44-011	CG44-011	CG44-011	CG43-016	CG43-016	CG43-016	CG43-016	200000	CG43-016	CG43-016	CG43-016	CG43-010	CG43-017	CG43-017	CG43-017	CG43-017	0043 017	0043-017	0.043-017	CG43-017	CG43-017	CG44-003	CC44-003	CG44-005
IHSS/ IHSS PAC/	Group UBC	Sife							TIBC	731																	_			

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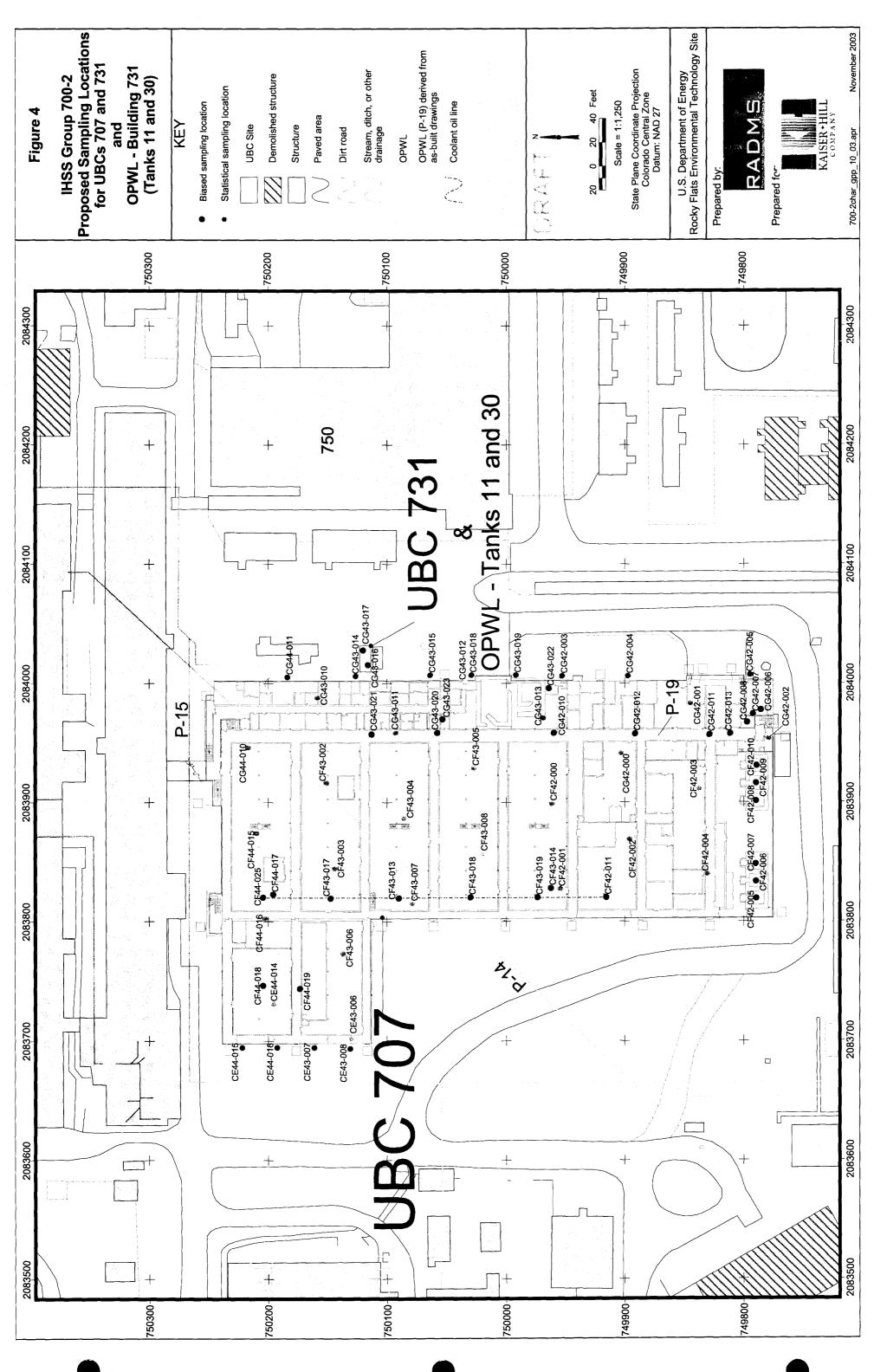
y Comments	biased - OPWL from Building 731 (P-19)			
Off-site Laborator Method	6010	Alpha Spec	8270	8260
On-site Laboratory Method	6010	HPGe	N/A	8260
Analyte	Metals	Radionuclides	SVOCs	VOCs
Depth Interval	ce Soil 4.5'-6.5	4.5'-6.5	4.5'-6.5	4.5'-6.5
Media	Subsurface Soil	Subsurface Soil	Subsurface Soil	Subsurface Soil
Northing	750266.370	750266.370	750266.370	750266.370
Easting	2084038 260	\perp	1_	<u> </u>
Location	CG44-005	CG441 005	CG44-005	CG44-005
IHSS/ IHSS PAC/ Group UBC Site				
HIS! Grou				







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